



samlexamerica®

2000W



DC-AC Inverter Pure Sine Wave

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| Model | PST-200S-12E |
| | 12 VDC - 230 VAC |
| | PST-200S-24E |
| | 24 VDC - 230 VAC |

Design Features

- High efficiency
- Low battery voltage alarm
- Protections: input low voltage, input over voltage, over temperature, over load, short circuit
- Low idle power draw
- Optional remote control (sold separately): Model RC-15
- Comes with pin-type battery cable lugs



| | MODEL NO. | PST-200S-12E | PST-200S-24E |
|---------------|---------------------------------|---|----------------------|
| OUTPUT | POWER, CONTINUOUS | 2000 Watts | 2000 Watts |
| | POWER, SURGE (FOR <1 SEC) | 4000 Watts | 4000 Watts |
| | OUTPUT VOLTAGE | 230 VAC +/- 3% | 230 VAC +/- 3% |
| | OUTPUT FREQUENCY | 50 Hz | 50 Hz |
| | OUTPUT VOLTAGE WAVEFORM | Pure Sine Wave | Pure Sine Wave |
| | TOTAL HARMONIC DISTORTION | < 3% | < 3% |
| INPUT | INPUT VOLTAGE | 10.7 to 16.5 VDC | 21.4 to 33 VDC |
| | MAXIMUM INPUT CURRENT | 240 A | 120 A |
| | INPUT CURRENT AT NO LOAD | < 1.6 A | < 1.0 A |
| | LOW INPUT VOLTAGE WARNING ALARM | 10.7 V | 21.4 V |
| | LOW INPUT VOLTAGE SHUT-DOWN | 10 V | 20 V |
| | HIGH INPUT VOLTAGE SHUT-DOWN | 16.5 V | 33 V |
| | OPERATING AMBIENT TEMPERATURE | 0 to 40°C +/- 5°C | 0 to 40°C +/- 5°C |
| | PEAK EFFICIENCY | 85% | 85% |
| | COOLING | 2 x Temperature Controlled Fans | |
| | DC INSTALLATION KIT (OPTIONAL) | DC-2500-KIT | DC-2000-KIT |
| CONNECTIONS | INPUT | Tubular type screwdown terminals | |
| | OUTPUT | 2 Schuko Type of receptacles | |
| | INTERNAL DC SIDE INPUT FUSES | 40 A x 6 | 20 A x 6 |
| | REMOTE (OPTIONAL) | RC-15 | RC-15 |
| GENERAL | DIMENSIONS, (L x W x H) | 415 x 282 x 101 mm | 415 x 282 x 101 mm |
| | DIMENSIONS, (L x W x H) | 16.3 x 11.1 x 4 inch | 16.3 x 11.1 x 4 inch |
| | WEIGHT, KG | 5.9 | 5.9 |
| | WEIGHT, LB | 13 | 13 |
| CE COMPLIANCE | SAFETY | Conforms to EN 60950-1 | |
| | EMI/EMC | EN 55022: Class B; EN 55024; EN 61000-3-2; EN 61000-3-3 | |